

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128312.D
 Acq On : 18 May 2022 15:30
 Operator : CG\JU
 Sample : N2824-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COM-2

Quant Time: May 18 16:50:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

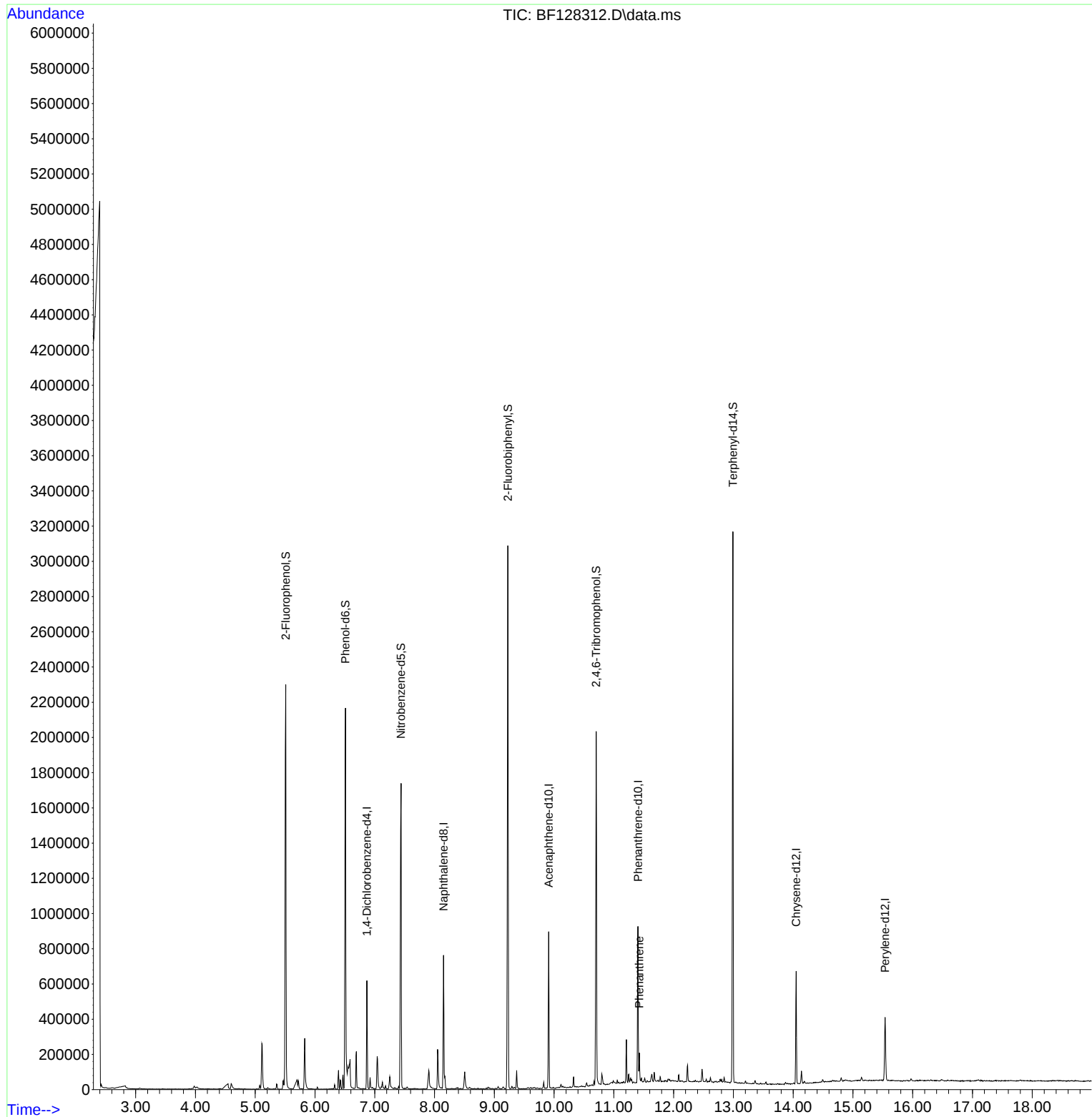
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75208	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	298371	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	167847	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	298081	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	201744	20.000	ng	-0.01
86) Perylene-d12	15.539	264	159624	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	571797	121.200	ng	0.01
7) Phenol-d6	6.510	99	706676	113.249	ng	0.00
23) Nitrobenzene-d5	7.440	82	589316	88.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	232266	120.658	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	937151	87.362	ng	-0.01
79) Terphenyl-d14	12.992	244	1014429	94.352	ng	-0.01
Target Compounds						
71) Phenanthrene	11.428	178	54351	3.662	ng	Qvalue 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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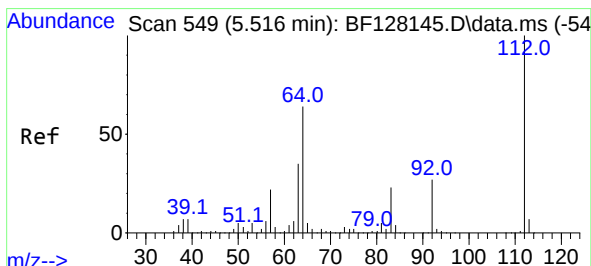
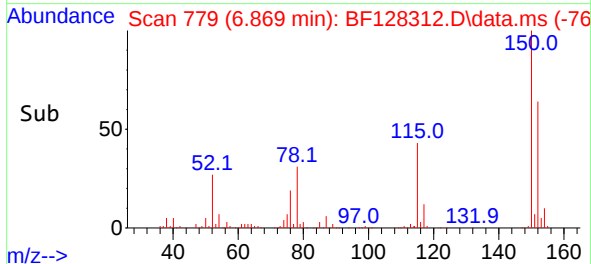
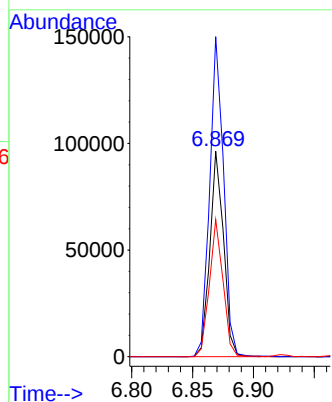
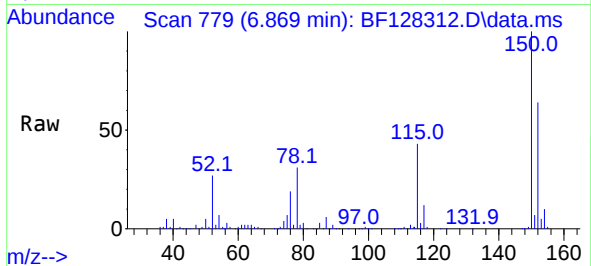




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

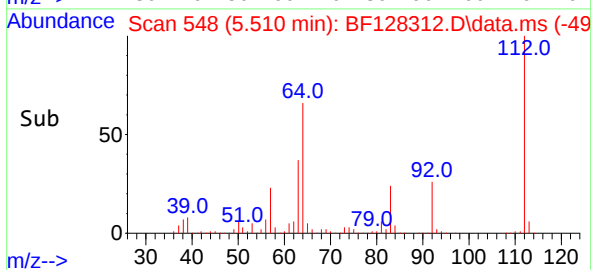
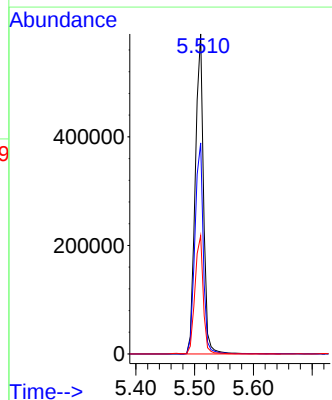
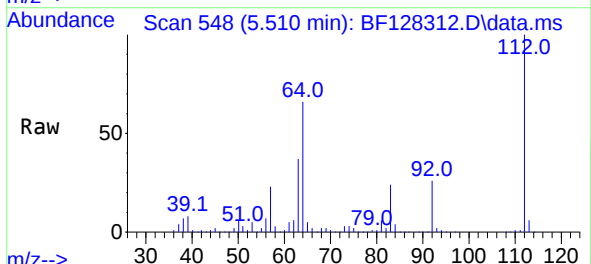
Instrument :
BNA_F
ClientSampleId :
COM-2

Tgt Ion:152 Resp: 75208
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 66.7 48.8 73.2



#5
2-Fluorophenol
Concen: 121.200 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:112 Resp: 571797
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 37.0 26.3 39.5

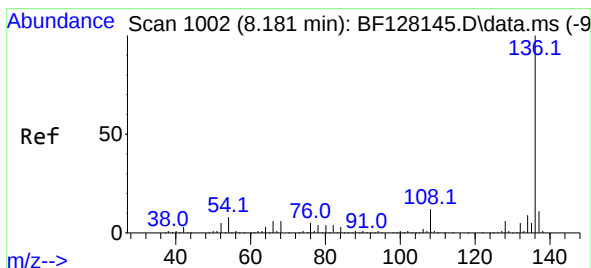
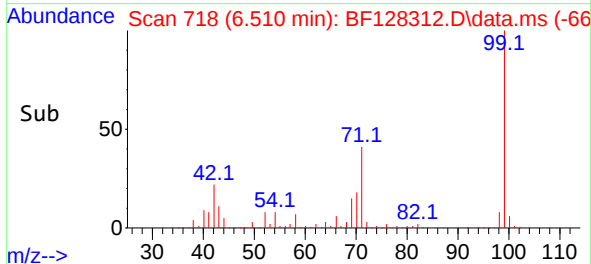
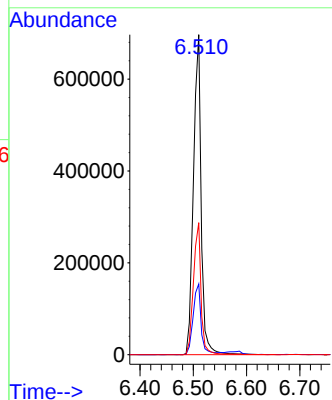
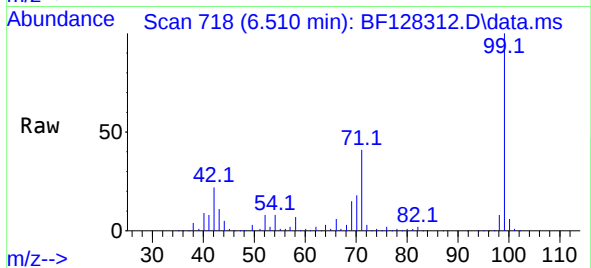




#7
Phenol-d6
Concen: 113.249 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

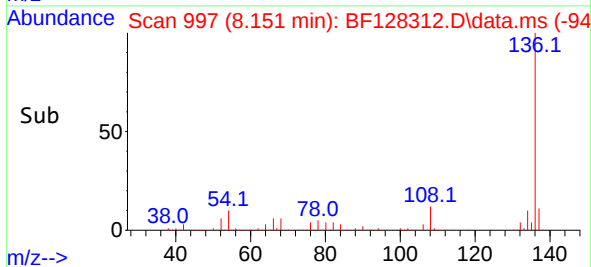
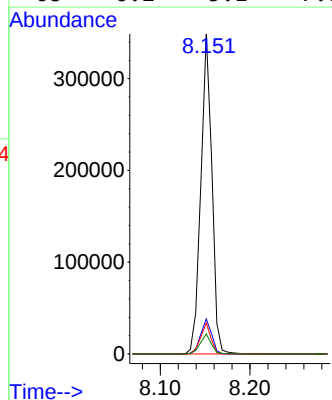
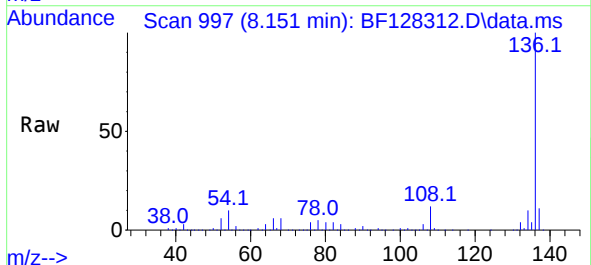
Instrument :
BNA_F
ClientSampleId :
COM-2

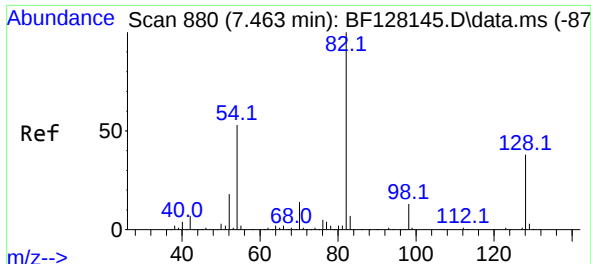
Tgt Ion: 99 Resp: 706676
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion: 136 Resp: 298371
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 6.8 10.2
68 6.2 5.1 7.7

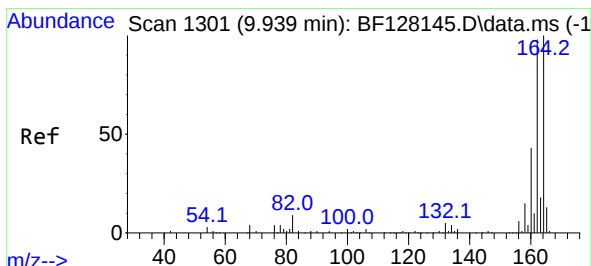
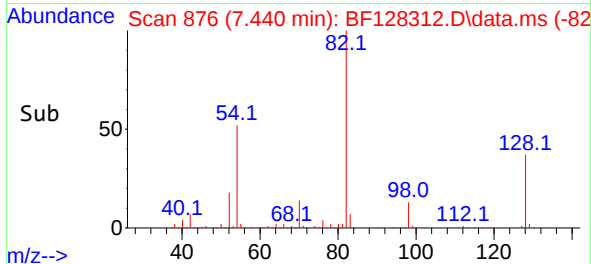
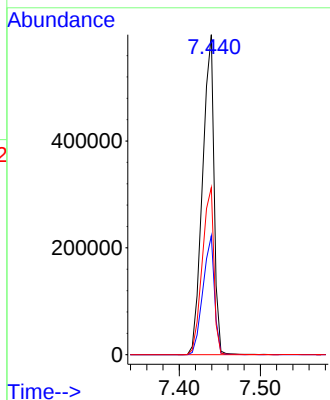
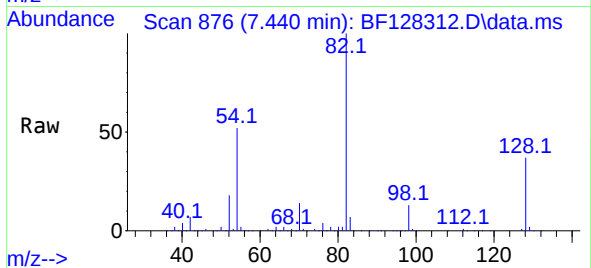




#23
Nitrobenzene-d5
Concen: 88.873 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

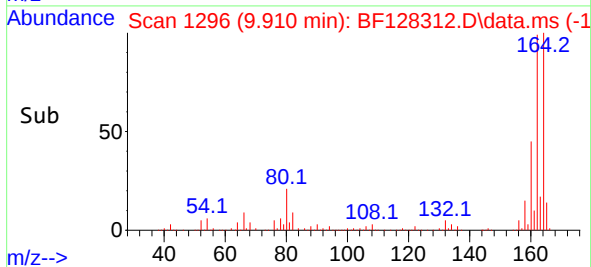
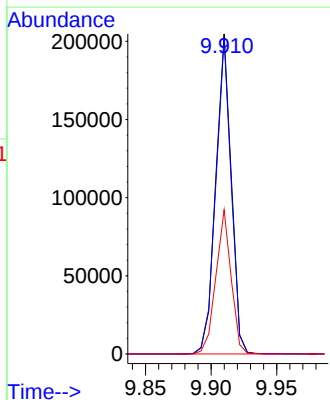
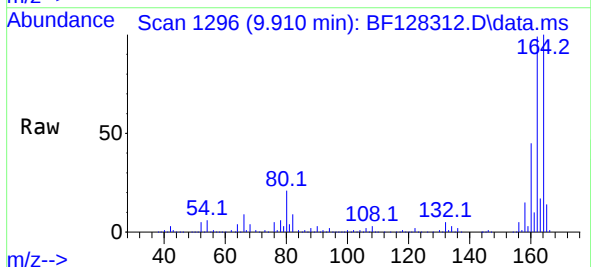
Instrument :
BNA_F
ClientSampleId :
COM-2

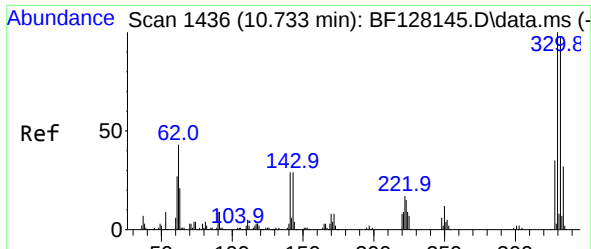
Tgt Ion: 82 Resp: 589316
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 52.2 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

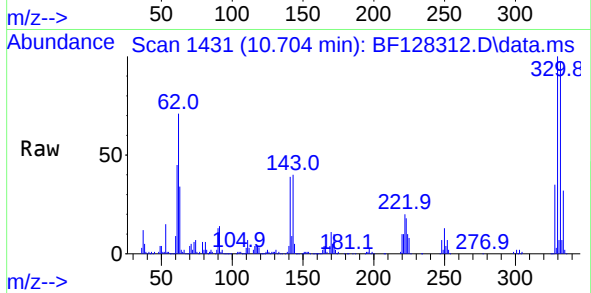
Tgt Ion:164 Resp: 167847
Ion Ratio Lower Upper
164 100
162 98.7 76.0 114.0
160 45.1 34.8 52.2



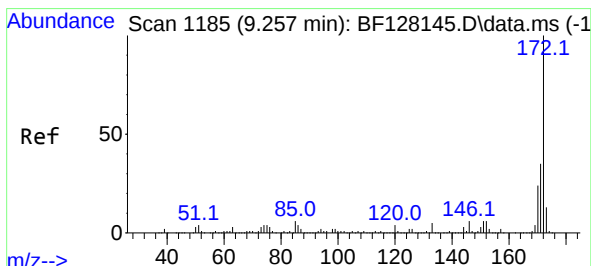
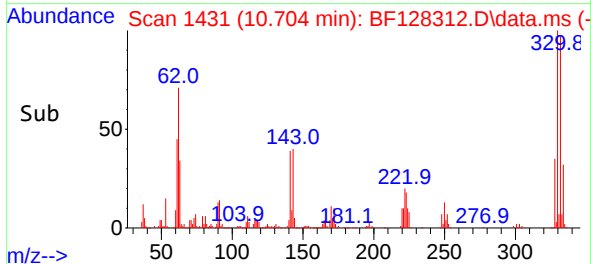
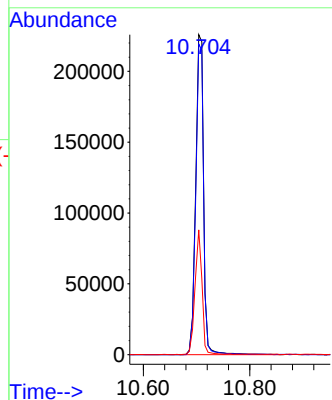


#42
2,4,6-Tribromophenol
Concen: 120.658 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Instrument :
BNA_F
ClientSampleId :
COM-2

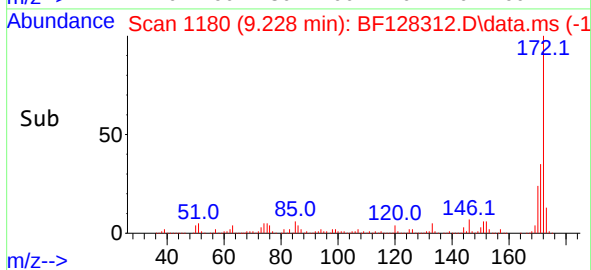
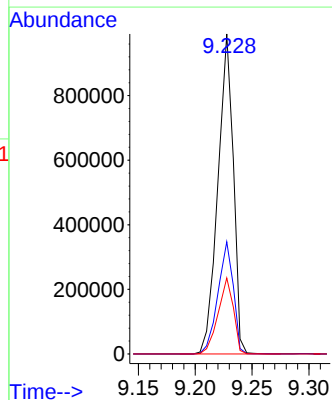
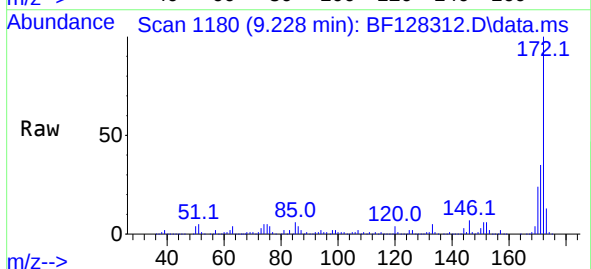


Tgt Ion:330 Resp: 232266
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 34.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 87.362 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:172 Resp: 937151
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.8 19.1 28.7

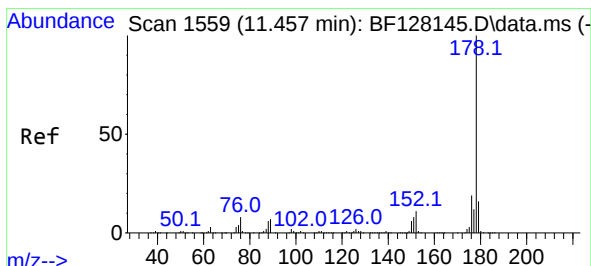
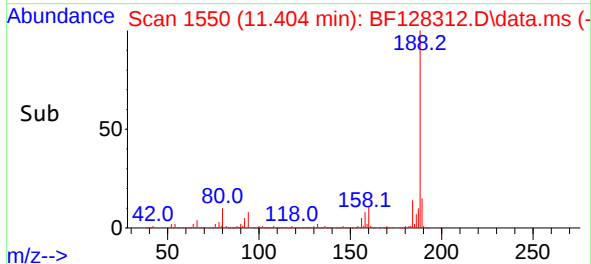
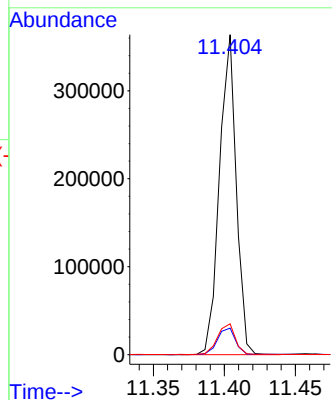
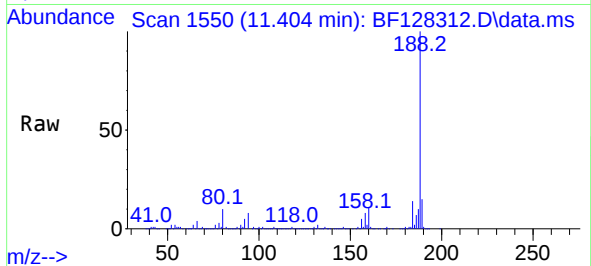




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

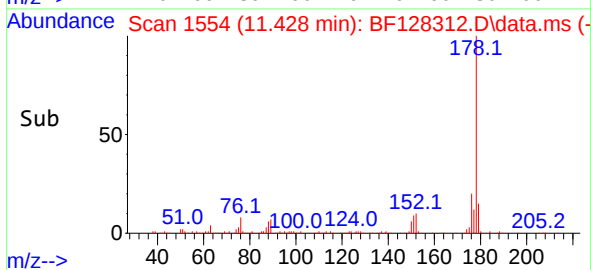
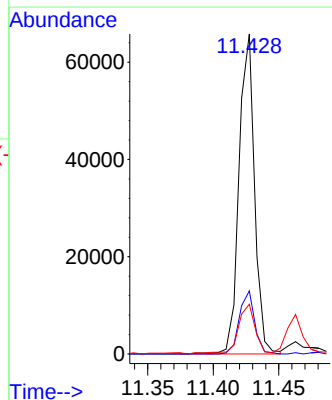
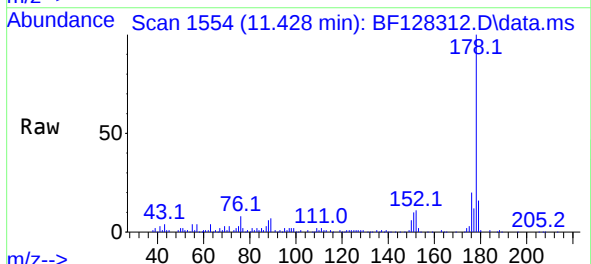
Instrument :
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ClientSampleId :
COM-2

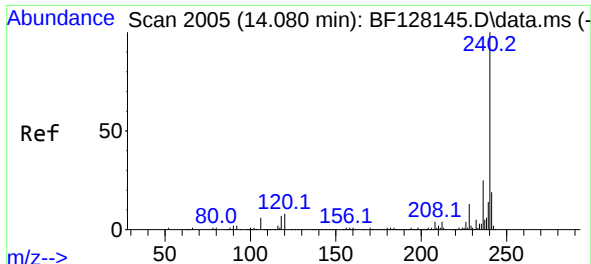
Tgt Ion:188 Resp: 298081
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.6 8.9 13.3



#71
Phenanthrene
Concen: 3.662 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:178 Resp: 54351
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.5 12.6 19.0

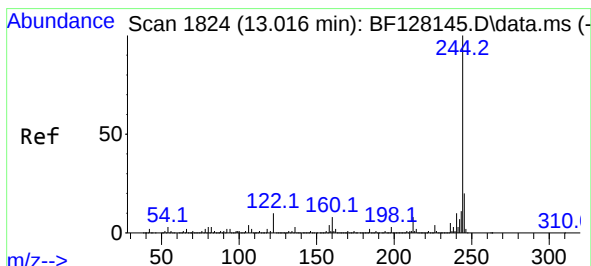
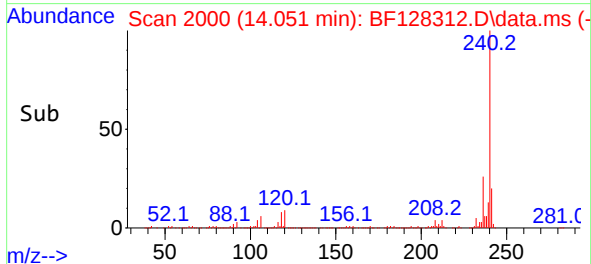
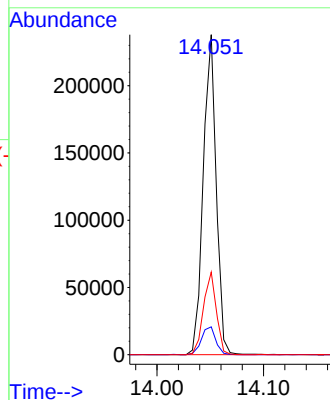
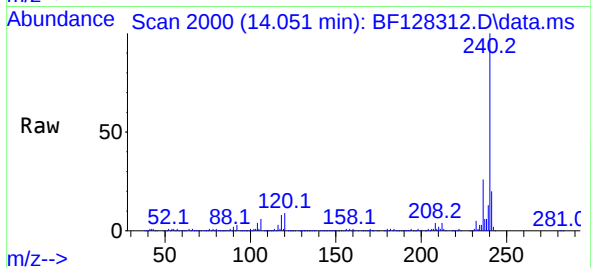




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

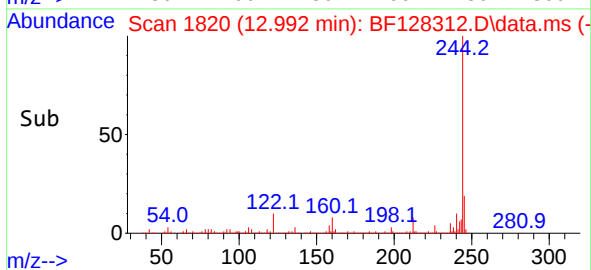
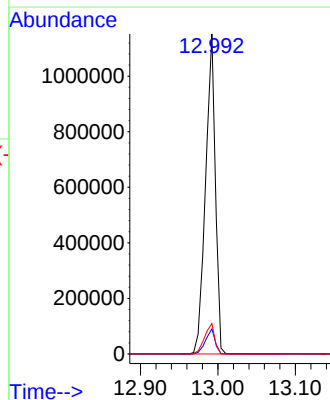
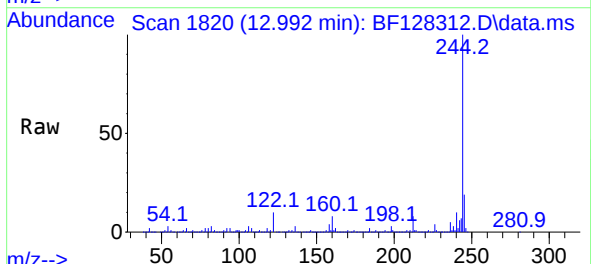
Instrument :
BNA_F
ClientSampleId :
COM-2

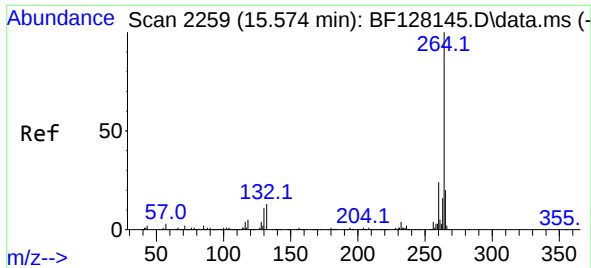
Tgt Ion:240 Resp: 201744
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 94.352 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:244 Resp: 1014429
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 9.5 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Instrument :
BNA_F
ClientSampleId :
COM-2

Tgt Ion:264 Resp: 159624

Ion	Ratio	Lower	Upper
264	100		
260	22.8	20.1	30.1
265	20.3	17.5	26.3

